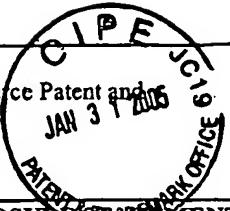


FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: INTEL1250-1 (P13830X)	Serial No.: 10/672,149
	Applicants: Chan, et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: September 26, 2003	Group Art Unit: 1632



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EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CW	A	6,514,767	2/4/03	Michael Natan	436	166	
CW	B	6,608,716	8/19/03	Safonov, et al.			
CW	C	2002/058273	5/16/02	Edward Shipwash			
CW	D	2003/058799	3/27/03	Berlin, et al.			

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

CW	E	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , 75(22):6171 - 6176, (2003)
CW	F	Kneip, et al., "Detection and Identification of a Single DNA Base Molecule Using Surface-Enhanced Raman Scattering (SERS)" <i>Physical Review E. Statistical Physics</i> , 57(6):R6281-R6284, (1998).
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FORM PTO-1449
U.S. Department of Commerce Patent and
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Docket No.:
INTEL1250-1 (P13830X)

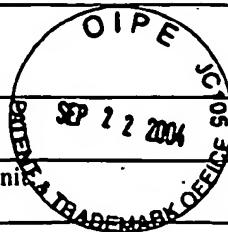
Serial No.:
10/672,149

Applicants: Chan and Su

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

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September 26, 2003

Group Art Unit
1632



U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

CH	AA	Anderson, J.R. et al., "Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping", <i>Anal. Chem.</i> Vol. 72, No. 14, pp. 3158-3164, 2000.
CH	AB	Bennink, M.L. et al., "Single-Molecule Manipulation of Double-Stranded DNA Using Optical Tweezers: Interaction studies of DNA with RecA and YOYO-1", <i>Cytometry</i> , Vol. 36, pp. 200-208, 1999.
CH	AC	Craighead, H.G., "Nanoelectromechanical Systems", <i>Science</i> , Vol. 290, pp. 1532-1535, 2000.
CH	AD	Dörre, K. et al., "Techniques for single molecule sequencing", <i>Bioimaging</i> , Vol. 5, pp. 139-152, 1997.
CH	AE	Effenhauser, C.S. et al., "High-Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device", <i>Anal. Chem.</i> , Vol. 66, No. 18, pp. 2949-2953, 1994.

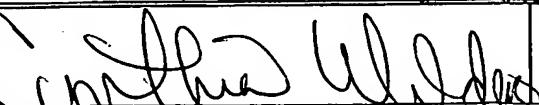
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Docket No.: INTEL1250-1 (P13830X)	Serial No.: 10/672,149
Applicants: Chan and Su			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date: September 26, 2003	Group Art Unit: 1632

AF	Goodman, M.F. and Tippin, B., "The Expanding Polymerase Universe", <i>Molecular Cell Biology</i> , Vol. 1, No. 2, pp. 101-109, 2000.
AG	Harrison, D.J. et al., "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip", <i>Science</i> , Vol. 261, pp. 895-897, 1993.
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AI	Mehta, A.D. et al., "Single-Molecule Biomechanics with Optical Methods", <i>Science</i> , Vol. 283, pp. 1689-1695, 1999.
AJ	Newton, C.R. et al., "The production of PCR products with 5' single-stranded tails using primers that incorporate novel phosphoramidite intermediates", <i>Nucleic Acids Research</i> , Vol. 21, No. 5, pp. 1155-1162, 1993.
AK	Rasmussen, S.R. et al., "Covalent Immobilization of DNA onto Polystyrene Microwells: The Molecules Are Only Bound at the 5' End", <i>Anal. Biochem.</i> , Vol. 198, pp. 138-132, 1991.
AL	Running, J.A. and Urdea, M.S., "A Procedure for Productive Coupling of Synthetic Oligonucleotides to Polystyrene Microtiter Wells for Hybridization Capture", <i>BioTechniques</i> , Vol. 8, No. 3, pp. 276-277, 1990.
AM	Smith, S.P. et al., "Inexpensive optical tweezers for undergraduate laboratories", <i>Am. J. Phys.</i> , Vol. 67, pp. 26-35, 1999.
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AO	Woolley, A.T. and Mathies, R.A., "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips", <i>Proc. Natl. Acad. Sci.</i> , Vol. 91, pp. 11348-11352, 1994.

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if known</i>	
				Application Number	10/108,128
				Filing Date	March 26, 2002 <i>SEP 22 2004</i>
				First Named Inventor	Selena Chan
				Group Art Unit	1712
				Examiner Name	Not yet assigned
				Attorney Docket Number	042390.P13830
Sheet	1	of	2		

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>CW</i>	4,962,037			Jett, et al.	10/09/1990	
	5,306,403			Vo-Dinh	04/26/1994	
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Examiner Initials*	Cite No. ¹	Office ³	Foreign Patent Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
Examiner Signature	<i>Cynthia Wilder</i>					Date Considered	<i>9/14/2005</i>	

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Sheet	2 of 2			Application Number	10/108,128
	Filing Date	March 26, 2002			
	First Named Inventor	Selena Chan			
	Group Art Unit	1712			
	Examiner Name	Not yet assigned			
	Attorney Docket Number	042390.P13830			

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CW		6,210,896		Chan	04/03/2001	
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		6,313,914		Roe	11/06/2001	
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		6,376,177		Poponin	04/23/2002	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
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CW		MACHARA, N. et al., Efficient Detection of Single Molecules Eluting Off an Optically Trapped Microsphere, <i>Bioimaging</i> 6 (1998), 33-42, 1998.				
CW		1997 DOE Human Genome Program Contractor-Grantee Workshop VI, Pages 23-25, Retrieved from the Internet URL: < http://www.ornl.gov/hgmis/publicat/97santa/seqtech.html >				
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CW		High-Throughput Electron-Beam Lithography System, Nova Scientific , Inc, Pages 1-4, Retrieved from the Internet URL: http://www.novatechnology.net/techsearch.asp?articleid=510>				
Examiner Signature	<i>Sophia W. older</i>				Date Considered	9/14/2002

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Sheet	1	of	1	Application Number	10/108,128
				Filing Date	March 26, 2002
				First Named Inventor	Selena Chan
				Group Art Unit	1712
				Examiner Name	Not yet assigned
				Attorney Docket Number	042390.P13830

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		Bloch <i>et al.</i> , "Optics with an atom laser beam," <i>Phys. Rev. Lett.</i> 87, 2001.	
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		Siegel, "Ion Beam Lithography," VLSI Electronics, Microstructure Science, Vol. 16, Einspruch and Watts eds., Academic Press, New York, 1987.	
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